

# Converting Colors

Hex(800517)

Have a look what the booklet for  
Hex(800517) contains.

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# Color

**Hex(800517)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	800517
RGB	128, 5, 23
RGB Percent	50%, 2%, 9%
CMY	0.4980, 0.9804, 0.9098
CMYK	0.00, 0.96, 0.82, 0.50
HSL	351°, 92%, 26%
HSV	351°, 96%, 50%
XYZ	9.1110, 4.7596, 1.2491
YIQ	43.8290, 67.5300, 31.6740

# Conversions

## Conversions Part 2

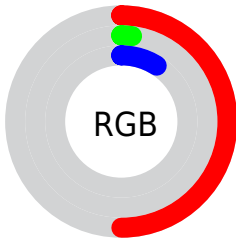
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	128, 5, 23
Decimal	8389911
CIE Lab	26.04, 47.63, 27.37
CIE LCh	26, 54.935, 29.887
Yxy	4.7596, 0.6026, 0.3148
Android (android.graphics.Color)	4286579991 (0xFF800517)
YUV	43.8290, -10.2687, 73.8180
Hunter-Lab	21.8165, 36.3663, 11.8769

# Details

The Hex color **800517** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **05806E**, and the grayscale version is **2C2C2C**.

A 20% lighter version of the original color is **BC4542**, and **460000** is the 20% darker color. If you saturate the color by 10%, you get **800013**, and if you desaturate by 10%, it is **801222**.

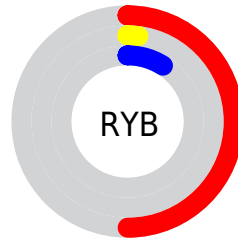
# Distribution



Red (50%)

Green (2%)

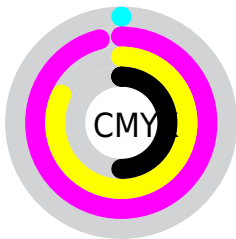
Blue (9%)



Red (50%)

Yellow (2%)

Blue (9%)

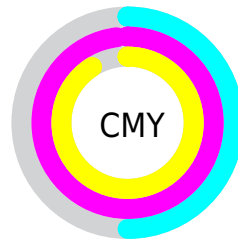


Cyan (0%)

Magenta (96%)

Yellow (82%)

Black (50%)



Cyan (50%)

Magenta (98%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 800517 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 800517 by changing the saturation by 10% instead.



 800517

 800517

 FFFFFFFA

 630000

 BC4542

 460000

 DA605A

 2B0001

 F97A72

 000000

 FF968C

 FFB1A6

 FFCEC1

 FFE8DD

 800517

 800517

■ 800013

■ 801222

■ 801F2D

■ 802B38

■ 803843

■ 80454E

■ 805259

■ 805F63

■ 806B6E

■ 807879

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



830040



800517



6C2900

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



800517



004C0E



004493

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



800517



05806E

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



004C87



800517



004E3C

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



800517



234700



004F67



333287

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



800517



583700



004F67



004791



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



800517



A6767D



6E0580



54373B



D4D4D4



545454



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



800517



A60018



803005



40393A



800013



000000



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



800517



A60018



055580



40393A



800013

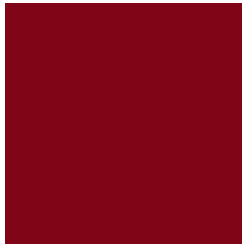


000000



# Previews

## White Background



This preview shows how the Hex color 800517 looks on a white background.

## Color Contrast Check

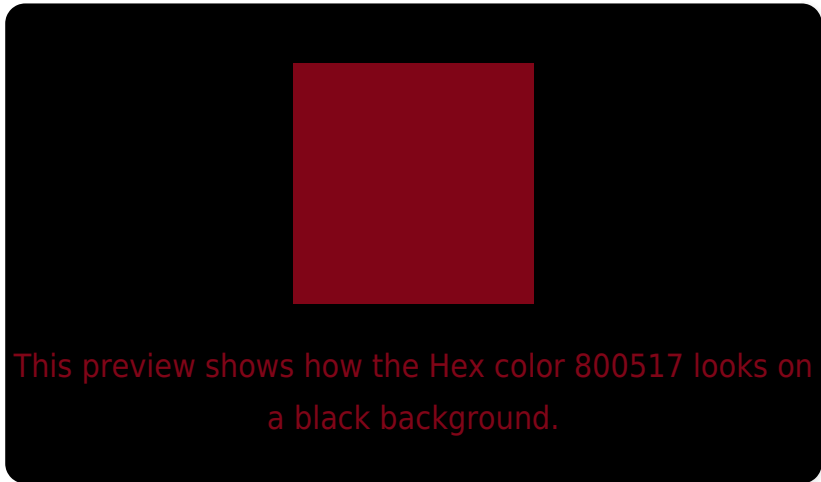
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 800517 Background



This preview shows how black text looks on a background with the Hex color 800517.

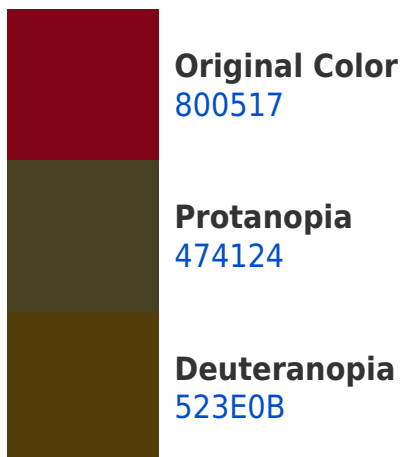


This preview shows how white text looks on a background with the Hex color 800517.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
800B00

# Trichromacy



**Original Color**  
800517

**Protanomaly**  
5C2B1F

**Deuteranomaly**  
63290F

**Tritanomaly**  
800908

# Monochromacy



**Original Color**  
800517

**Achromatopsia**  
2C2C2C

**Achromatomaly**  
4B1E24

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 800517 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #800517 looks like.

```
.text, #text, p{  
  color:#800517  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #800517 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #800517
}
```

## Border

The CSS property to change the border of an element to Hex 800517 is called "border". The border property can be set on classes, ids or directly on the HTML element.

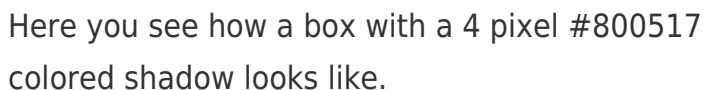
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#800517 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#800517 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #800517 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #800517; -webkit-box-shadow:4px 4px  
4px 4px #800517; box-shadow:4px 4px 4px  
4px #800517 }
```

# Background

The CSS property to change the background color of an element to Hex 800517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#800517 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#800517 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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